

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/51101

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/38 H04Q7/32 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	LEIN HARN, WEN-JUNG HSIN: "On the Security of Wireless Network Access with Enhancements" PROCEEDINGS OF THE 2003 ACM WORKSHOP ON WIRELESS SEC, 'Online!', September 2003 (2003-09), pages 88-95, XP002292895 Retrieved from the Internet: URL:www.acm.org> 'retrieved on 2004-08-18! abstract figure 3 page 89, left-hand column, line 19 - line 22 page 91, paragraph 5 - page 94, paragraph 5.3.2	1-20, 22-31
A	----- -/-	21

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the International search report

18 August 2004

03/09/2004

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Matt, S

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	LAMPORT L: "PASSWORD AUTHENTICATION WITH INSECURE COMMUNICATION" COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY, ASSOCIATION FOR COMPUTING MACHINERY. NEW YORK, US, vol. 24, no. 11, 1 November 1981 (1981-11-01), pages 770-772, XP000577349 ISSN: 0001-0782 page 770, right-hand column, paragraph II - page 771, left-hand column -----	1-31
A	US 2002/002678 A1 (GU YUAN ET AL) 3 January 2002 (2002-01-03) abstract figure 1 paragraph '0025! - paragraph '0028! -----	1-31
A	GB 2 367 986 A (ERICSSON TELEFON AB L M) 17 April 2002 (2002-04-17) cited in the application abstract figure 3 page 4, line 28 - page 5, line 4 page 10, line 16 - page 12, line 22 -----	21

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Information on patent family members

International Application No.

PCT/EP 03/51101

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2002002678	A1 03-01-2002	AU	4597099 A	06-03-2000
		CA	2340742 A1	24-02-2000
		WO	0010286 A1	24-02-2000
		EP	1105999 A2	13-06-2001
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		WO	02076060 A2	26-09-2002
		US	2002133607 A1	19-09-2002